



Single Conductor Type W 90°C 600/2000V

Part Number	AWG Size	Conductor Strand	Nominal Insulation Thickness		Nominal Overall Diameter		Net. Weight lbs./M	Current Amps*
			inches	mm	inches	mm		
8-01 TYPEW	8	162	0.060	1.52	0.441	11.2	145	80
6-01 TYPEW	6	264	0.060	1.52	0.511	12.9	200	105
4-01 TYPEW	4	418	0.060	1.52	0.564	14.3	255	140
2-01 TYPEW	2	660	0.060	1.52	0.651	16.5	375	190
1-01 TYPEW	1	836	0.080	2.03	0.729	18.5	475	220
1/0-01 TYPEW	1/0	1056	0.080	2.03	0.751	19.0	530	260
2/0-01 TYPEW	2/0	1320	0.080	2.03	0.800	20.3	650	300
3/0-01 TYPEW	3/0	1672	0.080	2.03	0.856	21.7	750	350
4/0-01 TYPEW	4/0	2090	0.080	2.03	0.981	24.9	970	405
250-01 TYPEW	250	2496	0.095	2.41	1.001	25.4	1130	455
350-01 TYPEW	350	3416	0.095	2.41	1.133	28.8	1420	570
500-01 TYPEW	500	4880	0.095	2.41	1.255	31.9	1913	700

All values are nominal and subject to correction

*Ampacity - Free air measured. Based on continuous duty at 90°C conductor temperature per 2011 NEC Table 400.5(A)(2)

- Application:** Single Conductor Type W is for use on portable power systems; entertainment industry applications such as: theater, television, night clubs, motion pictures, mobile communication vans, spotlights, and sound for permanent or temporary power. Single Conductor Type W is for use in permanent wiring of 600 volt power supply for hoists, cranes and other applications where a flexible power lead must be installed in conduit or raceways. Single Conductor Type W is for applications up to 2000 volts and temperatures from -40°C to +90°C.
- Conductors:** Flexible strand soft drawn copper conductor per B-172 and ICEA S-75-381/NEMA WC70.
- Separator:** Tape separator between conductor and insulation.
- Insulation:** Ethylene-propylene rubber (EPR) per ICEA S-95-658
- Reinforcement:** Nylon open braid applied over insulation.
- Jacket:** Black heavy duty CPE thermoset compound per ICEA S-75-381/NEMA WC70.
- Standards:** MSHA Approved
UL 44
NEMA WC-58
NEMA WC-70
ICEA S-75-381
ICEA S-658
ASTM B 172
ASTM B 33
Sunlight Resistant
C(UL) FT1 & FT4

1-800-945-5542

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